

ABSTRACT

A method of treating a metal-contaminated sediment includes capping the sediment with a capping product containing sulfur and at least one component
5 selected from the group consisting of clays, clay-sized materials, bulking agents, sand, sand-sized materials, aggregate, and binding agents. A capping product includes a plurality of manufactured composite particles, each composite particle comprising a relatively dense core and a sealant layer at least partially encapsulating the core, the sealant layer including sulfur and at least one of the
10 above components.